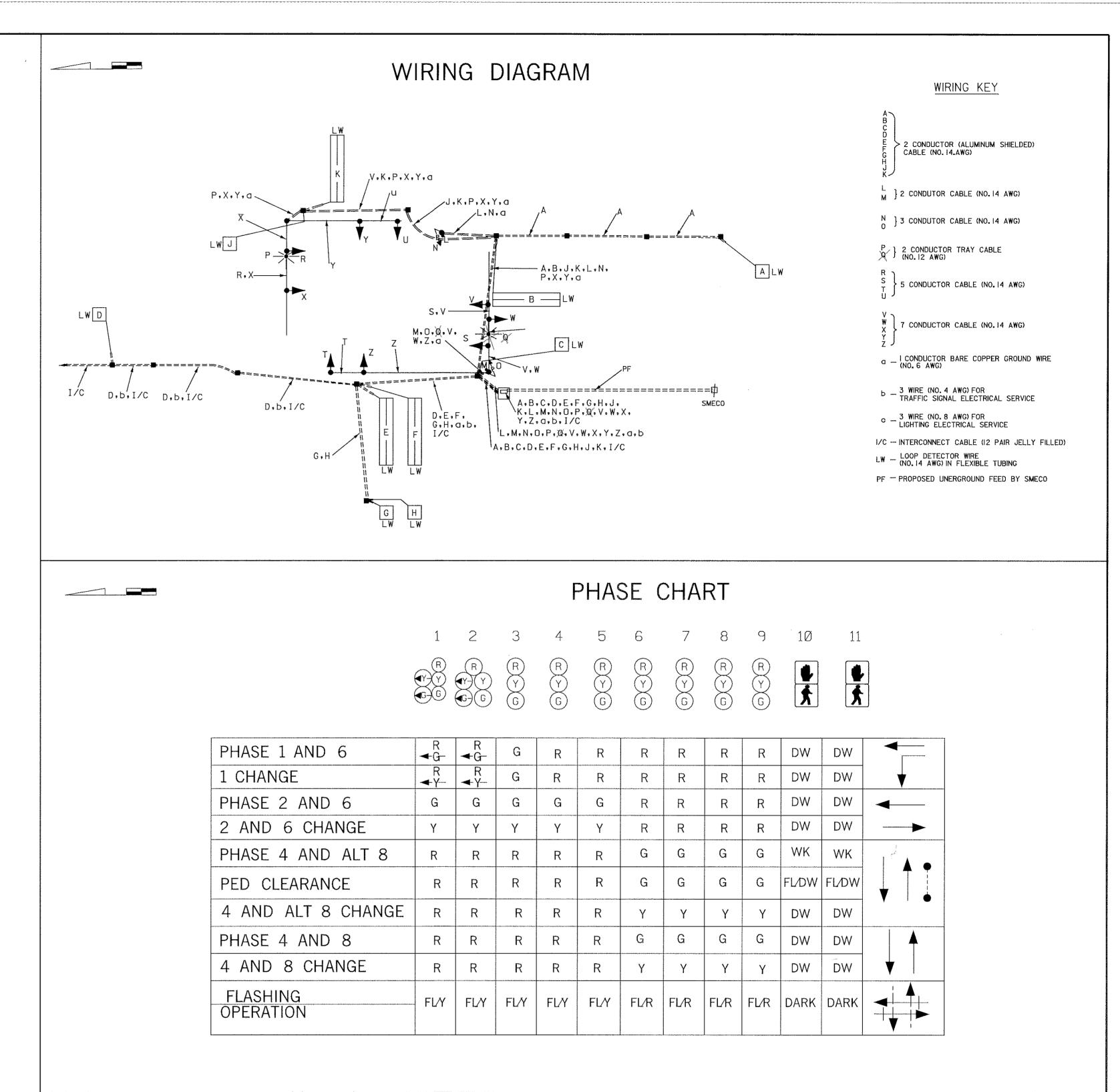
PROJECT DESCRIPTION MAINTENANCE OF TRAFFIC GENERAL THE FOLLOWING TEMPORARY WORK ZONE TRAFFIC CONTROL STANDARDS SHALL BE USED FOR THIS PROJECT. THIS PROJECT INVOLES THE INSTALLATION OF A NEW TRAFFIC CONTROL SIGNAL, INTERSECTION LIGHTING WITH SAMPLING STATION LOOPS AT THE INTERSECTION OF MD 5 AND LEONARDTOWN HIGH SCHOOL ENTRANCE IN ST. MARY'S COUNTY. MD 5 (Point Lookout Road) RUNS IN A NORTH/SOUTH DIRECTION. 104.41-02 INTERSECTION OPERATION A SYSTEM READY MASTER/LOCAL AND RACK MOUNTED DETECTOR AMPLIFERS ALL HOUSED IN A BASE MOUNTED CABINET ARE TO BE INSTALLED AT THIS LOCATION. THE INTERSECTION IS TO OPERATE IN A NEMA FIVE (5) PHASE MODE, THE MD 5 THROUGH MOVEMENTS PROJECT CONTACTS: MR. PAUL ARMSTRONG, DISTRICT ENGINEER WILL RUN CONCURRENT ALONG WITH AN ACTUATED PEDESTRIAN MOVEMENT ACROSS THE SOUTH LEG OF MD 5. THE SIDE STREET MOVEMENT WILL RUN CONCURRENTLY. MR. EDWARD RODENHIZER, CHIEF PHONE: (410) 841-5309 PHONE: (410) 787-7650 MR. JOHN MAYS, ASSIST., DISTRICT ENGINEER-PHONE: (410) 845-1005 MR. RICHARD L. DAFF SR., CHIEF, TRAFFIC OPERATIONS DIVISION PHONE: (410) 787-7630 UTILITY CONTACT- SMECO MR. ARTHUR GOODE MR. LARRY ELLIOTT ASSIST., DISTRICT ENGINEER-TRAFFIC EQUIPMENT LIST PHONE: (301) 475-1582 PHONE: (301) 841-1003 A. EQUIPMENT TO BE FURNISHED BY THE ADMINISTRATION. QUANTITY ITEM NO.: 12" ONE-WAY, TWO SECTION PEDESTRAIN SIGNAL HEAD POLE MOUNTING HARDWARE 12" ONE-WAY, TWO SECTION PEDESTRAIN SIGNAL HEAD POST TOP ADAPTOR HARDWARE 12' ONE-WAY, FIVE SECTION (R,Y,G,YA,GA) SIGNAL HEAD WITH MAST ARM MOUNTING HARDWARE 8"/12" ONE-WAY, FIVE SECTION (R,Y,G,YA,GA) SIGNAL HEAD WITH MAST ARM MOUNTING HARDWARE 12' ONE-WAY, THREE SECTION (R,Y,G) SIGNAL HEAD WITH MAST ARM MOUNTING HARDWARE CONTROLLER, ASC II WITH TELEMETRY MASTER/LOCAL CONTROLLER IN SIZE 6 CABINET WITH DETECTOR RACK MOUNTED AMPLIFIERS PEDESTRAIN PUSHBUTTON 71.25 $36^{\prime\prime}\times$ $36^{\prime\prime}$ W3-3 SIGN WITH NEW PANEL AND FLAGS GROUND MOUNTING 12"x 9" R10-4(1) SIGN - POLE MOUNTING 30"x 30" S2-1- POLE MOUNT 15"x 21" M6-2 POLE MOUNT 30" X 36" R3-5(L)- MAST ARM MOUNTING HARDWARE B. EQUIPMENT TO BE FURNISHED AND /OR INSTALLED BY THE CONTRACTOR. QUANTITY SPECIFICATION DESCRIPTION ITEM NO. LUMP SUM MAINTENANCE OF TRAFFIC 1001 2001 TEST PIT EXCAVATION 5 INCH YELLOW THERMOPLASTIC PAVEMENT MARKING TAPE 5008 5 INCH WHITE THERMOPLASTIC PAVERMENT MARKING TAPE 5009 12 INCH WHITE THERMOPLASTIC PAVEMENT MARKING TAPE-(FOR CROSSWALK) 24 INCH WHITE THERMOPLASTIC PAVEMENT MARKING TAPE - (FOR STOP LINE) 1110 REMOVE EXISTING PAVEMENT MARKINGS - ANY WIDTH FURNISH AND INSTALL CONCRETE FOR LIGHT FOUNDATION FURNISH AND INSTALL BREAKAWAY PEDESTAL POLE - 10 FOOT CUT, CLEAN, GAL. AND CAP TRAFFIC SIGNAL STRUCTURE 8011 INSTALL SIGNAL HEADS INSTALL PUSHBUTTON AND SIGN INSTALL CONTROLLER AND CABINET-BASE MOUNTED SAWCUT FOR SIGNAL LOOP DETECTORS URNISH AND INSTALL I INCH ELECTRICAL CONDUIT-GALVANIZED SLEEVE FURNISH & INSTALL I INCH LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DET FURNISH AND INSTALL 2 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED FURNISH AND INSTALL 2 INCH SCHEDULE 80 RIGID PVC CONDUIT - BORED TURNISH AND INSTALL 3 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED TURNISH AND INSTALL 3 INCH SCHEDULE 80 RIGID PVC CONDUIT - BORED URNISH AND INSTALL 4 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED RNISH AND INSTALL 4 INCH SCHEDULE 80 RIGID PVC CONDUIT - BORED URNISH AND INSTALL ELECTRICAL HANDHOLE URNISH AND INSTALL GROUND ROD-3/4 INCH DIAMETER X IO FOOT LENGTH URNISH AND INSTALL 12-PAIR COMMUNICATION CABLE, JELLYFILLED (UNDERGROUND) URNISH AND INSTALL LOOP WIRE ENCASED IN FLEXIBLE TUBING (NO.14 AWG) URNISH AND INSTALL ELECTRICAL CABLE- 2 CONDUCTOR (ALUMINUM SHIELDED) IRNISH AND INSTALL ELECTRICAL CABLE- 2 CONDUCTOR (NO.14 AWG) URNISH AND INSTALL ELECTRICAL CABLE- 3 CONDUCTOR (NO. 14 AWG) URNISH AND INSTALL ELECTRICAL CABLE- 5 CONDUCTOR (NO.14 AWG) 870 FURNISH AND INSTALL ELECTRICAL CABLE- 7 CONDUCTOR (NO.14 AWG) 245 RNISH AND INSTALL ELECTRICAL TRAY CABLE- 2 CONDUCTOR (NO.12 AWG) JRNISH AND INSTALL MAST ARM POLE AND TWIN 50 FT/50FT MAST ARMS JRNISH AND INSTALL NO.6 AWG STRANDED BARE COPPER GROUND WIRE URNISH AND INSTALL ELECTRICAL CABLE I-CONDUCTOR NO. 4 AWG-THHN/THWN FURNISH AND INSTALL WOOD SIGN SUPPORTS 4 INCH X 6 INCH 53.25 8053 INSTALL GROUND MOUNTED SIGN INSTALL OVERHEAD SIGN - MAST ARM MOUNTED INSTALL BREAKAWAY BASE SUPPORT SYSTEM FOR SIGNAL STRUCTURE FURNISH AND INSTALL 250 WATT H.P.S. LAMP AND LUMINAIRE WITH PHOTOCELL SABRA, WANG & ASSOCIATES, INC. 9861 BROKEN LAND PARKWAY SUITE 105 COLUMBIA, MD 21046

FURNISH AND INSTALL LIGHTING BRACKET ARM FOR SIGNAL POLE TO FT.

FURNISH AND INSTALL CONTROL AND DISTRIBUTION EQUIPMENT (120/240V,1 PHASE

FURNISH AND INSTALL MAST ARM POLE AND TWIN (50FT / 70FT) MAST ARMS



	REVISIONS	APPROVALS	
		ASST. TRAFFIC ENGINEERING DESIGN DIVISION	TRA
		ASST. DISTRICT ENGINEER, TRAFFIC	
IC.	,	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION	DRAWN BY: CHECKED BY:

DIRECTOR, OFFICE OF TRAFFIC & SAFETY



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION Office of Traffic & Safety

AFFIC ENGINEERING DESIGN DIVISION

MD 5 (Point Lookout Road) at LEONARDTOWN HIGH SCHOOL

DRAWN BY: M	M.A MEARS	F
CHECKED BY:	M. Rusten	S
	NOT TO SCALE	С
DATE: 0)5/03/99	ı

F.A.P. NO. AW280B5H COUNTY: 180005000,00 LOG MILE:

A#2995185 AWZ80 A5H ST. MARY'S

GI NO. 3900-Gl SHEET NO. T.I.M.S. NO. 2 OF <u>3</u> D-207